

Docket No.: RIC99057

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Steven R. Donovan

Confirmation No.: 5356

Serial No.: 09/435,540

Art Unit: 2153

Filed: November 8, 1999

Examiner: K. Parton

Title: Method of Combining Internet Protocols for Session Setup, Teardown, Authentication, Authorization and Accounting Using the Differentiated Services Model

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Alexandria, VA 22313-1450

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I hereby certify that the correspondence cited hereon is being sent via facsimile to the USPTO Centralized Facsimile Number ((703) 872-9306) on

11/30/2004

Angela N. Trafton

Dear Sir:

In response to the Notice of Allowance mailed August 30, 2004, enclosed are the following:

1. Issue Fee Transmittal;
2. Request for Acknowledgement of Claim for Priority with PAIR report;
3. Copy of Amendment filed November 21, 2000;
4. Copy of Amendment filed February 4, 2002;
5. Request for Consideration of Previously Submitted Documents;
6. Copy of PTO-1449 Form (2 pages) submitted July 30, 2001;
7. Submission of Formal Drawings;
8. 5 Sheets (figures 1 - 6) of Formal Drawings; and
9. Certificate of Transmission.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees or publication fees, to Deposit Account No. 13-2491 and please credit any excess fees to such deposit account.

Respectfully submitted,

Date: 11/30/04

  
Michael A. Wren  
Registration No. 42,237

MCI, Inc.  
1133 19<sup>th</sup> Street, NW  
Washington, DC 20036  
Phone: 202 736-6522  
Fax: 202-736-6382

Complete and send this form, together with applicable fee(s), to: Mail

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Commissioner for Patents  
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Alexandria, Virginia 22313-1450  
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25537 7590 08/31/2004

MCI, INC  
TECHNOLOGY LAW DEPARTMENT  
1133 19TH STREET NW, 10TH FLOOR  
WASHINGTON, DC 20036

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Angela Trafton	(Depositor's name)
Angela Trafton	(Signature)
11/30/2004	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/435,540	11/08/1999	STEVEN R. DONOVAN	RIC99057	5356

TITLE OF INVENTION: METHOD OF COMBINING INTERNET PROTOCOLS FOR SESSION SETUP, TEARDOWN, AUTHENTICATION, AUTHORIZATION, AND ACCOUNTING USING THE DIFFERENTIATED SERVICES MODEL

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$0	\$1330	11/30/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
PARTON, KEVIN S	2153	709-227000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.563).  
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list  
(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

MCI, Inc.

Ashburn, VA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☐ Publication Fee (No small entity discount permitted)  
☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 13-2491 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Date

Typed or printed name

Registration No.

This collection of information is required by 37 CFR 1.31. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Docket No. RIC99057

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE** RECEIVED  
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Applicant(s): Steven R. Donovan

Confirmation No.: 5356

Serial No.: 09/435,540

Art Unit: 2153

NOV 30 2004

Filed: November 8, 1999

Examiner: K. Parton

Title: Method of Combining Internet Protocols for Session Setup, Teardown, Authentication, Authorization and Accounting Using the Differentiated Services Model

**REQUEST FOR ACKNOWLEDGEMENT OF CLAIM FOR PRIORITY**

Mail Stop Issue Fee  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

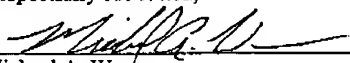
Dear Sir:

On November 21, 2000, Applicants filed a Preliminary Amendment (copy enclosed) to the above-noted application which amended the specification to include the section "Cross-Reference to Related Applications." Specifically, Applicants amended the specification to include the benefit of priority of U.S. Provisional Application No. 60/163,193, filed November 5, 1999. Moreover, Applicants inverted the serial number of the U.S. Provisional Application in the Preliminary Amendment filed on November 21, 2000. Therefore, Applicants filed a Second Preliminary Amendment (copy enclosed) on February 4, 2002, properly listing the U.S. Provisional Application Serial Number as 60/163,913. However, Applicants have not received any acknowledgement of the claim for priority and the Patent Application Information Retrieval (PAIR) system does not reflect any claim for priority (copy enclosed).

Applicants request written acknowledgement of the claim for priority in the above-noted application and that the priority application information be printed on the front cover of the patent issuing therefrom.

Respectfully submitted,

Date: 11/30/04

  
Michael A. Wrenn  
Reg. No. 42,237

MCI, Inc.  
1133 19<sup>th</sup> Street, N.W.  
Washington, D.C. 20036  
Tel: (202) 736-6522 / Fax: (202) 736-6382

SERVNOT BUSINESS FORM# ARLINGTON, TX 76013 (817) 281-3123

**INSTRUCTIONS TO DOCKET CLERK**

THE FOLLOWING PAPERS HAVE BEEN FILED:

Transmittal Form; Fee Transmittal;  
Preliminary Amendment; Certificate of Mailing,  
Return Postcard

Steven R. Donovan  
09/435,540  
RIC-99-057

A Method of Combining Internet Protocols...

SENDER'S INITIALS TG DATE MAILED 11/21/00

OLD DUE DATE(S) NEW DUE DATE(S)

SIGN HERE

INDIVIDUAL CERTIFYING NEW DUE DATE

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HB-65-01

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Please type a plus sign (+) inside this box → ☒Approved for use through 09/30/2000, OMB 0851-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/435,540	
	Filing Date	November 8, 1999	
	First Named Inventor	Steven R. Donovan	
	Group Art Unit	2766	
	Examiner Name	Not Assigned	
Total Number of Pages in This Submission	5	Attorney Docket Number	RIC-99-057

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below) <div style="border: 1px solid black; padding: 2px;">         Preliminary Amendment          Return Receipt Postcard       </div>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Brian C. Oakes Reg. No.: 41,467 MCI WorldCom, Inc.
Signature	<i>Brian C. Oakes</i>
Date	11/21/00

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date <u>November 21, 2000</u>	
Typed or printed name	Tracy Goodywin
Signature	<i>Tracy Goodywin</i>
Date	11-21-2000

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FEB 27 2002

**WORLD COM, INC.**

Attn: Technology Law Department

Dept.: 9854/008

1133 19th Street, N.W.

Washington, D.C. 20036

**INSTRUCTIONS TO DOCKET CLERK**

THE FOLLOWING PAPERS HAVE BEEN FILED:

Transmittal Form; Preliminary Amendment;  
Supplemental Application Data Sheet; Return Postcard;  
Certificate of Mailing



APPLICANT Steven R. Donovan  
SERIAL NO. 09/435,540  
CLASSIFICATION R1C99057  
TITLE Method of Combining Internet Protocols....  
SIGNATURE INITIALS tg 2/14/02

Please type a plus sign (+) inside this box → ☐

PTO/SB/R1 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE  
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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	09/435,540	
	Filing Date	November 8, 1999	
	First Named Inventor	Steven R. Donovan	
	Group Art Unit	2766	
	Examiner Name	Not Assigned	
Total Number of Pages in This Submission	6	Attorney Docket Number	RIC99057

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> Alter Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below: Supplemental Application Data - Sheet Return Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	David J. O'Neill Reg. No. 42,953 WorldCom, Inc.
Signature	
Date	2/4/02

CERTIFICATE OF MAILING	
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Typed or printed name	Tracy Goodwin
Signature	
Date	February 4, 2002

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United States Patent and Trademark Office

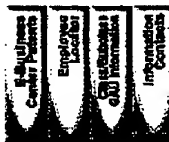
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## PATENT APPLICATION INFORMATION RETRIEVAL



### Other Links



Search results for application number: 09/435,540			
Application Number:	09/435,540	Customer Number:	25537
Filing or 371(c) Date:	11-08-1999	Status:	Allowed - Notice of Allowance Mailed - Issue Revision Completed
Application Type:	Utility	Status Date:	08-31-2004
Examiner Name:	PARTON, KEVIN S	Location:	ELECTRONIC
Group Art Unit:	2153	Location Date:	-
Confirmation Number:	6356	Earliest Publication No:	-
Attorney Docket Number:	RIC99057	Publication Date:	-
Class/Sub-Class:	709/227	Patent Number:	-
First Named Inventor:	STEVEN R. DONOVAN, PLANO, TX (US)	Issue Date of Patent:	-
Title Of Invention: METHOD AND SYSTEM OF PROVIDING DIFFERENTIATED SERVICES			

Select Search Option

Assignments	Search
File History	
Image File Wrapper	
Patent Term Extension History	
Publication Review	

Parent Continuity Data			
Description	Parent Number	Parent Filing or 371(c) Date	Parent Status
No Parent Continuity Data Found.			
Child Continuity Data			

PCT/US00/30448 filed on 11-06-2000 which is Pending claims the benefit of 09/435,540

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Steven R. Donovan

Confirmation No.: 5356

Serial No.: 09/435,540

Art Unit: 2153

Filed: November 8, 1999

Examiner: K. Parton

RECEIVED  
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Title: Method of Combining Internet Protocols for Session Setup, Teardown, Authentication, Authorization and Accounting Using the Differentiated Services Model

**REQUEST FOR CONSIDERATION OF  
PREVIOUSLY SUBMITTED DOCUMENTS**Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicants request consideration of the PTO-1449 Form(s) which was previously submitted on July 30, 2001. Applicants request consideration of the documents cited therein and that the Examiner initial each document and return the initialed copies to Applicants. A copy of the PTO-1449 Form is attached herewith for the Examiner's convenience.

Respectfully submitted,

Date: 9/17/04  
Edw. U.I. Straight

Registration No. 51,205

MCI, Inc.  
1133 19<sup>th</sup> Street, NW  
Washington, DC 20036  
Phone: 202 736-6008  
Fax: 202-736-6382

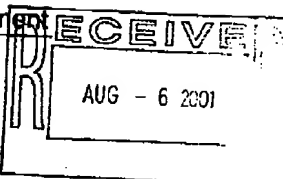
**WORLD COM, INC.**

Attn: Technology Law Department

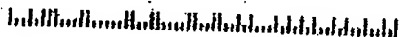
Dept.: 9854/008

1133 19th Street, N. W.

Washington, D.C. 20036



20036/3695

**II. INSTRUCTIONS TO DOCKET CLERK**

THE FOLLOWING PAPERS HAVE BEEN FILED:

**DESCRIPTION OF PAPER:** Transmittal Form; Information Disclosure Statement; PTO Page-1449; TW References; Return Postcard; Certificate of Mailing; Copy of International Search Report; Fee Transmittal Form

APPLICANT	Steven R. Donovan	
SERIAL NO.	09/435,540	
ATTORNEY DOCKET NO.	RTO-99-057	
TITLE	Method of Combining Internet Protocols...	
SENDER'S INITIALS	tg	DATE MAILED 7/30/01



Please type a plus sign (+) inside this box → ☐


PTO/SB/21 (08-00)


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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/435,540	
	Filing Date	November 8, 1999	
	First Named Inventor	Steven R. Donovan	
	Group A-Unit	2766	
	Examiner Name	Not Assigned	
Total Number of Pages in This Submission	8 + Refs.	Attorney Docket Number	RIC-99-057

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO Form-1449 - 2 pages Return Postcard 10 References Copy of International Search Report
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Michael B. Chernoff Reg. No. 42,408 WorldCom, Inc.
Signature	
Date	7/30/01

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Typed or printed name	Tracy Goodwin	
Signature		Date 7/30/01

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